

REMARKS

Present Status of Application

Claims 1-17 and 19-26 are presently pending.

Claims 1-14, 25 and 26 are allowed.

Claim 15 is rejected under 35 U.S.C. 102(b) as being anticipated by Kanazawa, U.S. Patent 5,445,186. This rejection is respectfully traversed.

Claims 16-24 are objected to.

Response to Rejections

Amendments are made to claims for compliance with the 35 U.S.C. 102(b) requirements, and remarks are provided regarding to patentability of the amended independent claim and claims depended thereto, respectively.

1. Response to rejections of claim 15 and claims depended thereto (claims 16-24).

An amendment is made to claim 15 further specifying the control circuit as including "a first logic gate" and "a second logic gate". The added features are based on original claim 18, and thus no new matter is added.

According to the Office Action, claim 18 is allowable if rewritten as independent form including all limitations of the

original claim 15. Therefore, amended claim 15 is compliant with the 35 U.S.C. 102(b) requirements, and is allowable.

Claims 19 and 20 are amended as depended to amended claim 15. Because the amended claim 15 is allowable, claims 16, 17, and 19~24 are allowable, and the rejections of claims 16, 17, and 19~24 should be withdrawn.

2. Response to objections of claim 15

An amendment is made to claim 15, wherein an element originally described in preamble thereof is included in the body of the claim as an element connected to the originally described element (control circuit). In the amended claim 15, control circuit is recited in combination with the external differential output terminal in the claim. This added element is based on preamble of the original claim, and thus no new matter is added. As discussed above, the informalities stated in the Office Action is overcome by the amendment.

Claims 15, and 19, 20 are amended for compliance with the novelty and non-obviousness requirements.

Conclusion

All claims in this application should now be in condition for allowance. Favorable reconsideration and an early Notice of Allowance are solicited.

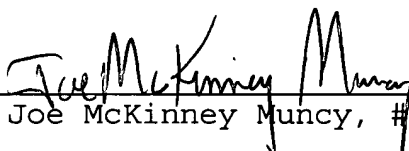
Because the additional documents cited by the Examiner are merely to show the state of the prior art, no further comments should be necessary.

Should there be any outstanding matters that need to be resolved in the present application, the Examiner is respectfully requested to contact Ken Muncy (Reg. No. 32,334) at the telephone number of the undersigned below, to conduct an interview in an effort to expedite prosecution in connection with the present application.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. §§ 1.16 or 1.17; particularly, extension of time fees.

Respectfully submitted,

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Attachment(s) :

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